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DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

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Inspection Report

Minerals Regulatory Program

February 3, 2006

Supervisor DOZ

Mine Name: Lime Peak Quarries
Operator Name: Shaw Environmental, Inc.

Permit number: M/049 /047
Inspection Date: January 10, 2006
Time: 8:55 am

Inspector(s): Doug Jensen and Lynn Kunzler, DOGM

Other Participants: Jeff Burningham, Leon Griffin, Drew Downs, Dave Anderson, and others.

Mine Status: Active

Weather: clear and cool

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

This inspection was done at the request of the operator. They expressed a need to make changes in their mining plan and wanted to make sure their proposed changes would meet DOGM regulations.

Inspection Summary:

1. This operation supplies limestone capping materials for EPA superfund sites in the area. Mining in the proposed area involves a fault, which now has a seam of arsenic, which renders the material near the fault unsuitable for its intended use. The operator needs to revise the mining area to assure they are able to obtain suitable material for the EPA superfund sites.


Current permit status - DOGM is waiting for the final details of the surety to be completed before final approval is issued. Public comment period has ended with no substantive comments received.

2. Current highwall development includes 3 benches. Overall slope of the highwall is approximately 45 degrees. Back slope of the benches is currently about 70-75 degrees.

Conclusions and Recommendations:

1. Additional material is available to the south east of the existing quarry. The operator will bring in a survey crew to survey the permit boundary, and, if necessary will amend the plan to include additional area to the east. There is a significant amount of the permit area to the north, that will not be quarried due to the location of the fault. Subsequently, this amendment may only require an adjustment of the location of the disturbance and not adding additional acreage.
2. Operator intends to maintain an overall 45- degree slope on the highwall. Bench height will be a maximum of 70 feet.

Photos were taken to document current conditions.

Inspector's Signature  _____ **Date:** February 3, 2006

LK:pb

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